

Patent Abstracts of Japan

PUBLICATION NUMBER : 08100380
PUBLICATION DATE : 16-04-96

APPLICATION DATE : 30-09-94
APPLICATION NUMBER : 06237794

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INT.CL. : D06P 5/00 D06P 5/00 D06P 5/00

TITLE : TRANSFER MEDIUM AND INKJET TRANSFER PRINTING

ABSTRACT : PURPOSE: To obtain a transfer medium capable of easily performing the printing and transferring of a multicolor image to a printing article and giving printed matter having excellent fineness and high density by forming a peeling-agent layer and an ink-receiving layer on a base material.

CONSTITUTION: A base material (e.g. art paper, coated paper or resin film) is coated with silicone resin, etc., to form a peeling agent layer thereon in advance. An aqueous resin solution containing a tacky adhesive-resin consisting of an aqueous resin or a water-dilatable resin, urea and further an alkali metal salt (e.g. sodium carbonate), and curable and becoming insoluble by heat is applied on the peeling agent layer on the pretreated base material followed by drying to obtain a transferring medium paper. An image is recorded on the obtained transferring medium paper by an inkjet printing. The transferring medium and a medium to be transferred (e.g. medium made of natural fibers or synthetic fibers) are laminated and compressed to bond. Then, after the base material is removed, the medium is heated with steam to develop the colors. Thus, a printed article having multicolored, clear and fast image is obtained. The tacky adhesive resin is selected from a phenolic resin, a melamine resin, a formalin condensate with urea, polyacrylic acid, etc.

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